

## **RF Active Compositions for Use in Adhesion, Bonding and Coating**

### ***Abstract***

5 A susceptor composition that can bond two or more layers or substrates  
to one another and that can be used to coat or cut a substrate. The susceptor  
composition is activated in the presence of radio frequency (RF) energy. In one  
embodiment, the susceptor composition of the present invention comprises at  
least one ionomer and a polar carrier. The ionomer and polar carrier are blended  
with one another and form a mixture, preferably a uniform mixture. The ionomer  
10 and polar carrier are present in an amount effective to allow the susceptor  
composition to be heated by RF energy. Also disclosed are RF induction heating  
systems.

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